

DERWENT-ACC-NO: 1983-843260

DERWENT-WEEK: 198350

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TITLE: Constructional support column - has casing filled with liq. whose

internal pressure is stabilised via two valves

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PRIORITY-DATA: 1981SU-3292822 (May 18, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
SU 996672 A	February 18, 1983	N/A
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INT-CL (IPC): E04C003/30

ABSTRACTED-PUB-NO: SU 996672A

BASIC-ABSTRACT: The construction support column has a casing filled with liq.

working medium through a pipe. To increase the construction components

reliability in operation and versatility by stabilising its internal pressure

in varying temperature conditions, it has a stabilising device (5) made in the

form of a valve (6) with aperture (8) in the centre for passage of a rod of an

additional valve (9) with a positive buoyancy which is positioned in the inner

cavity above the working medium's level. The stabilising device(5)'s inner

space communicates with the casing (1)'s cavity through pipes (11, 12) and the

casing(1)'s inner cavity is covered with waterproof material.

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